

ABSTRACT

A substrate conveyor-positioner unit (6) for conveying and positioning a substrate (5) in an X direction is arranged on a supporting base (2). Supporting frames (3, 3) are arranged in a standing manner on both ends in a Y direction being orthogonal to the X direction on the supporting base (2). A component supplying unit (7) is arranged on at least one end side in the Y direction on the supporting base (2). A plurality of Y-axis tables (10, 10) is laid between upper ends of the both supporting frames (3, 3) at an appropriate interval. An X-axis table (11) is attached to a movable portion (10d) of each Y-axis table (10). An operating head (12) for holding a component by suction at the component supplying unit (7) and for mounting the component on the substrate (5) on the substrate conveyor-positioner unit (6) is attached to a movable portion (11d) of the X-axis table (11). Moreover, a height of upper ends of the supporting frames (3, 3) is located below eyes (E) of a worker (W) to enable the worker (W) to visually confirm conditions of mounting operations.